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3	2	((access$4 same data same set$1 same stor$4 same device$1) same (attempt$4 same flag$3 same fail$4)) and (@rlad<=19991109 or @ad<=19991109)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/09 16:49

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1 **/sub S/upporting information system for power transformer fault forecasting applications**
Marino, P.; Sigiienza, C.; Poza, F.; Vazquez, F.; Machado, F.;
Industrial Electronics Society, 2003. IECON '03. The 29th Annual Conference of the IEEE , Volume: 2 , 2-6 Nov. 2003
Pages:1899 - 1904 Vol.2

[Abstract]   [PDF Full-Text (501 KB)]   **IEEE CNF**

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2 **200 Mb wafer memory**
MacDonald, N.; Neish, G.; Sinclair, A.; Baba, F.; Tatematsu, T.; Hirawa, K.; Miyasaka, K.;
Solid-State Circuits Conference, 1989. Digest of Technical Papers. 36th ISSCC., 1989 IEEE International , 15-17 Feb. 1989
Pages:240 - 241

[Abstract]   [PDF Full-Text (308 KB)]   **IEEE CNF**

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3 **A study of atomicity and consistency in MMS servers**
Messina, S.; Pleinevaux, P.;
Industry Applications Conference, 1995. Thirtieth IAS Annual Meeting, IAS '95., Conference Record of the 1995 IEEE , Volume: 2 , 8-12 Oct. 1995
Pages:1696 - 1701 vol.2

[Abstract]   [PDF Full-Text (508 KB)]   **IEEE CNF**

Terms used

access and **stor** and **device** and **data** and **set** and **flag** and **fail** and **attempt** and **indicat** and **level** and **previous**

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1   UIO: a uniform I/O system interface for distributed systems   ■
David R. Cheriton
January 1987 **ACM Transactions on Computer Systems (TOCS)**, Volume 5 Issue 1

Full text available: 🗎 pdf(3.20 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

A uniform I/O interface allows programs to be written relatively independently of specific I/O services and yet work with a wide variety of the I/O services available in a distributed environment. Ideally, the interface provides this uniform access without excessive complexity in the interface or loss of performance. However, a uniform interface does not arise from careful design of individual system interfaces alone; it requires explicit definition. In this paper, the UIO (unifo ...

2   Status report of the graphic standards planning committee   ■
Computer Graphics staff
August 1979 **ACM SIGGRAPH Computer Graphics**, Volume 13 Issue 3

Full text available: 🗎 pdf(15.01 MB)   Additional Information: full citation, references, citings

3   Technique for automatically correcting words in text   ■
Karen Kukich
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Full text available: 🗎 pdf(6.23 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Research aimed at correcting words in text has focused on three progressively more difficult problems:(1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction

4   Experience Using Multiprocessor Systems—A Status Report   ■
Anita K. Jones, Peter Schwarz
June 1980 **ACM Computing Surveys (CSUR)**, Volume 12 Issue 2

h   c   g e   cf   c

Full text available: pdf(4.48 MB)   Additional Information: full citation, references, citings, index terms

5 Draft Proposed: American National Standard—Graphical Kernel System

Technical Committee X3H3 - Computer Graphics
February 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue SI

Full text available: pdf(16.07 MB)   Additional Information: full citation

6 Recovery Techniques for Database Systems

Joost S. M. Verhofstad
June 1978 **ACM Computing Surveys (CSUR)**, Volume 10 Issue 2

Full text available: pdf(2.32 MB)   Additional Information: full citation, references, citings, index terms

7 Status report of the graphic standards planning committee of ACM/SIGGRAPH: State-of-the-art of graphic software packages

Compuater Graphics staff
September 1977 **ACM SIGGRAPH Computer Graphics**, Volume 11 Issue 3

Full text available: pdf(9.03 MB)   Additional Information: full citation, references

8 The design and implementation of INGRES

Michael Stonebraker, Gerald Held, Eugene Wong, Peter Kreps
September 1976 **ACM Transactions on Database Systems (TODS)**, Volume 1 Issue 3

Full text available: pdf(2.67 MB)   Additional Information: full citation, abstract, references, citings, index terms

The currently operational (March 1976) version of the INGRES database management system is described. This multiuser system gives a relational view of data, supports two high level nonprocedural data sublanguages, and runs as a collection of user processes on top of the UNIX operating system for Digital Equipment Corporation PDP 11/40, 11/45, and 11/70 computers. Emphasis is on the design decisions and tradeoffs related to (1) structuring the system into processes, (2) embedding one command ...

Keywords: concurrency, data integrity, data organization, data sublanguage, database optimization, nonprocedural language, protection, query decompositon, query language, relational database

9 A model for the local area of a data communication network software organization

P. T. Wilkinson
October 1969 **Proceedings of the first ACM symposium on Problems in the optimization of data communications systems**

Full text available: pdf(1.31 MB)   Additional Information: full citation, abstract, references, citings, index terms

A general purpose store-and-forward data communication network is under development at NPL. The background to this work is described in companion papers(1)(2) which also detail the hardware environment in which the software of the central message switching computer (MSC) operates. A user of this system sees it as a star-connected network by means of which his terminal may exchange data with any other terminal via the MSC. Because this centre is stored-program ...

10 Interactive Editing Systems: Part II

Norman Meyrowitz, Andries van Dam
September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Full text available: pdf(9.17 MB)   Additional Information: full citation, references, citings, index terms

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11 Phoenix: a low-power fault-tolerant real-time network-attached storage device

Anindya Neogi, Ashish Raniwala, Tzi-cker Chiueh

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part 1)**

Full text available: pdf(1.38 MB)   Additional Information: full citation, abstract, references, citings, index terms

Phoenix is a real-time network-attached storage device (NASD) that guarantees real-time data delivery to network clients even across single disk failure. The service interfaces that Phoenix provides are best-effort/real-time reads/writes based on unique object identifiers and block offsets. Data retrieval from Phoenix can be serviced in server push or client pull modes. Phoenix's real-time disk subsystem performance results from a standard cycle-based scan-order disk scheduling mechanism. H ...

12 The Quadtree and Related Hierarchical Data Structures

Hanan Samet

June 1984 **ACM Computing Surveys (CSUR)**, Volume 16 Issue 2

Full text available: pdf(4.87 MB)   Additional Information: full citation, references, citings, index terms

13 Fault Tolerant Operating Systems

Peter J. Denning

December 1976 **ACM Computing Surveys (CSUR)**, Volume 8 Issue 4

Full text available: pdf(2.69 MB)   Additional Information: full citation, references, citings, index terms

14 The LOCUS distributed operating system

Bruce Walker, Gerald Popek, Robert English, Charles Kline, Greg Thiel

October 1983 **ACM SIGOPS Operating Systems Review , Proceedings of the ninth ACM symposium on Operating systems principles**, Volume 17 Issue 5

Full text available: pdf(1.89 MB)   Additional Information: full citation, abstract, references, citings, index terms

LOCUS is a distributed operating system which supports transparent access to data through a network wide filesystem, permits automatic replication of storage, supports transparent distributed process execution, supplies a number of high reliability functions such as nested transactions, and is upward compatible with Unix. Partitioned operation of subnet's and their dynamic merge is also supported. The system has been operational for about two years at UCLA a ...

15 Curriculum 68: Recommendations for academic programs in computer science: a report of the ACM curriculum committee on computer science

William F. Atchison, Samuel D. Conte, John W. Hamblen, Thomas E. Hull, Thomas A. Keenan, William B. Kehl, Edward J. McCluskey, Silvio O. Navarro, Werner C. Rheinboldt, Earl J. Schweppe, William Viavant, David M. Young

March 1968 **Communications of the ACM**, Volume 11 Issue 3

Full text available: pdf(6.63 MB)   Additional Information: full citation, references, citings

Keywords: computer science academic programs, computer science bibliographies, computer science courses, computer science curriculum, computer science education, computer science graduate programs, computer science undergraduate programs

16 Architecture of the IBM system/370

Richard P. Case, Andris Padegs

January 1978 **Communications of the ACM**, Volume 21 Issue 1

Full text available: Additional Information:

pdf(2.78 MB)   full citation, abstract, references, citings, index terms

This paper discusses the design considerations for the architectural extensions that distinguish System/370 from System/360. It comments on some experiences with the original objectives for System/360 and on the efforts to achieve them, and it describes the reasons and objectives for extending the architecture. It covers virtual storage, program control, data-manipulation instructions, timing facilities, multiprocessing, debugging and monitoring, error handling, and input/output operations. ...

Keywords: architecture, computer systems, error handling, instruction sets, virtual storage

17 Distributed operating systems
Andrew S. Tanenbaum, Robbert Van Renesse
December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4

Full text available: pdf(5.49 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Distributed operating systems have many aspects in common with centralized ones, but they also differ in certain ways. This paper is intended as an introduction to distributed operating systems, and especially to current university research about them. After a discussion of what constitutes a distributed operating system and how it is distinguished from a computer network, various key design issues are discussed. Then several examples of current research projects are examined in some detail ...

18 AGM: a dataflow database machine
Lubomir Bic, Robert L. Hartmann
March 1989 **ACM Transactions on Database Systems (TODS)**, Volume 14 Issue 1

Full text available: pdf(2.69 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

In recent years, a number of database machines consisting of large numbers of parallel processing elements have been proposed. Unfortunately, there are two main limitations in database processing that prevent a high degree of parallelism; these are the available I/O bandwidth of the underlying storage devices and the concurrency control mechanisms necessary to guarantee data integrity. The main problem with conventional approaches is the lack of a computational model capable of utilizing th ...

19 Document Formatting Systems: Survey, Concepts, and Issues
Richard Furuta, Jeffrey Scofield, Alan Shaw
September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Full text available: pdf(5.36 MB)   Additional Information: full citation, references, citings, index terms

20 The Desert environment
Steven P. Reiss
October 1999 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 8 Issue 4

Full text available: pdf(868.64 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

The Desert software engineering environment is a suite of tools developed to enhance programmer productivity through increased tool integration. It introduces an inexpensive form of data integration to provide additional tool capabilities and information sharing among tools, uses a common editor to give high-quality semantic feedback and to integrate different types of software artifacts, and builds virtual files on demand to address specific tasks. All this is done in an open and extensibl ...

Keywords: integrated programming environments, program editors

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21 On randomization in sequential and distributed algorithms   ■
Rajiv Gupta, Scott A. Smolka, Shaji Bhaskar
March 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 1
Full text available: 📄 pdf(8.01 MB)   Additional Information: full citation, abstract, references, citings, index terms

Probabilistic, or randomized, algorithms are fast becoming as commonplace as conventional
deterministic algorithms. This survey presents five techniques that have been widely used in the
design of randomized algorithms. These techniques are illustrated using 12 randomized algorithms—
both sequential and distributed— that span a wide range of applications, including: primality testing
(a classical problem in number theory), interactive probabilistic proof s ...

Keywords: Byzantine agreement, CSP, analysis of algorithms, computational complexity, dining
philosophers problem, distributed algorithms, graph isomorphism, hashing, interactive probabilistic
proof systems, leader election, message routing, nearest-neighbors problem, perfect hashing,
primality testing, probabilistic techniques, randomized or probabilistic algorithms, randomized
quicksort, sequential algorithms, transitive tournaments, universal hashing

22 Third Generation Computer Systems   ■
Peter J. Denning
December 1971 **ACM Computing Surveys (CSUR)**, Volume 3 Issue 4
Full text available: 📄 pdf(3.52 MB)   Additional Information: full citation, abstract, references, citings, index terms

The common features of third generation operating systems are surveyed from a general view, with
emphasis on the common abstractions that constitute at least the basis for a "theory" of operating
systems. Properties of specific systems are not discussed except where examples are useful. The
technical aspects of issues and concepts are stressed, the nontechnical aspects mentioned only
briefly. A perfunctory knowledge of third generation systems is presumed.

23 Efficient detection of all pointer and array access errors   ■
Todd M. Austin, Scott E. Breach, Gurindar S. Sohi
June 1994 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1994 conference on
Programming language design and implementation**, Volume 29 Issue 6
Full text available: 📄 pdf(1.62 MB)   Additional Information: full citation, abstract, references, citings, index terms

We present a pointer and array access checking technique that provides complete error coverage
through a simple set of program transformations. Our technique, based on an extended safe pointer
representation, has a number of novel aspects. Foremost, it is the first technique that detects all
spatial and temporal access errors. Its use is not limited by the expressiveness of the language; that
is, it can be applied successfully to compiled or interpreted languages with subscripted and mutabl ...

24 <u>String storage and searching for data base applications: Implementation on the INDY backend kernel</u>
George P. Copeland
August 1978 **Proceedings of the fourth workshop on Computer architecture for non-numeric processing**
Full text available: pdf(854.23 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

> User and hardware cost trends dictate that data base systems should provide more complete functionality, simplicity of use, and reliability by increasing the amount of hardware present in the system. These goals are accomplished with a simple hardware arrangement within a one-dimensional cellular storage system called INDY. The INDY backend kernel is intended as a powerful tool for implementing all data models. The INDY cellular storage array is intended to provide functionality that is dif ...

25 <u>Translator writing systems</u>
Jerome Feldman, David Gries
February 1968 **Communications of the ACM**, Volume 11 Issue 2
Full text available: pdf(4.47 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

> A critical review of recent efforts to automate the writing of translators of programming languages is presented. The formal study of syntax and its application to translator writing are discussed in Section II. Various approaches to automating the postsyntactic (semantic) aspects of translator writing are discussed in Section III, and several related topics in Section IV.
>
> **Keywords**: compiler compiler-compiler, generator, macroprocessor, meta-assembler, metacompiler, parser, semantics, syntactic analysis, syntax, syntax-directed, translator, translator writing system

26 <u>4.2BSD and 4.3BSD as examples of the UNIX system</u>
John S. Quarterman, Abraham Silberschatz, James L. Peterson
December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4
Full text available: pdf(4.07 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

> This paper presents an in-depth examination of the 4.2 Berkeley Software Distribution, Virtual VAX-11 Version (4.2BSD), which is a version of the UNIX Time-Sharing System. There are notes throughout on 4.3BSD, the forthcoming system from the University of California at Berkeley. We trace the historical development of the UNIX system from its conception in 1969 until today, and describe the design principles that have guided this development. We then present the internal data structures and ...

27 <u>Cache Memories</u>
Alan Jay Smith
September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3
Full text available: pdf(4.61 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

28 <u>Distributed systems - programming and management: On remote procedure call</u>
Patrícia Gomes Soares
November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**
Full text available: pdf(4.52 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

> The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today

29 A distributed file service based on optimistic concurrency control

Sape J. Mullender, Andrew S. Tanenbaum

December 1985 **ACM SIGOPS Operating Systems Review , Proceedings of the tenth ACM symposium on Operating systems principles**, Volume 19 Issue 5

Full text available: pdf(910.04 KB)   Additional Information: full citation, references, citings, index terms

30 Compiler-based I/O prefetching for out-of-core applications

Angela Demke Brown, Todd C. Mowry, Orran Krieger

May 2001   **ACM Transactions on Computer Systems (TOCS)**, Volume 19 Issue 2

Full text available: pdf(499.03 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

Current operating systems offer poor performance when a numeric application's working set does not fit in main memory. As a result, programmers who wish to solve "out-of-core" problems efficiently are typically faced with the onerous task of rewriting an application to use explicit I/O operations (e.g., read/write). In this paper, we propose and evaluate a fully automatic technique which liberates the programmer from this task, provides high performance, and requires only minima ...

Keywords: compiler optimization, prefetching, virtual memory

31 Protection and the control of information sharing in multics

Jerome H. Saltzer

July 1974   **Communications of the ACM**, Volume 17 Issue 7

Full text available: pdf(1.75 MB)   Additional Information: full citation, abstract, references, citings, index terms

The design of mechanisms to control the sharing of information in the Multics system is described. Five design principles help provide insight into the tradeoffs among different possible designs. The key mechanisms described include access control lists, hierarchical control of access specifications, identification and authentication of users, and primary memory protection. The paper ends with a discussion of several known weaknesses in the current protection mechanism design.

Keywords: Multics, access control, authentication, computer utilities, descriptors, privacy, proprietary programs, protected subsystems, protection, security, time-sharing systems, virtual memory

32 String storage and searching for data base applications: implementation on the INDY backend kernel

George P. Copeland

August 1978 , Volume 10 , 13 , 7 Issue 1 , 2 , 2

Full text available: pdf(986.51 KB)   Additional Information: full citation, abstract, references

User and hardware cost trends dictate that data base systems should provide more complete functionality, simplicity of use, and reliability by increasing the amount of hardware present in the system. These goals are accomplished with a simple hardware arrangement within a one-dimensional cellular storage system called INDY. The INDY backend kernel is intended as a powerful tool for implementing all data models. The INDY cellular storage array is intended to provide functionality that is difficul ...

33 The space shuttle primary computer system

Alfred Spector, David Gifford

September 1984 **Communications of the ACM**, Volume 27 Issue 9

Full text available: pdf(5.34 MB)   Additional Information: full citation, references, citings, index terms

h   c   g e   cf   e   cce   e ce

Keywords: PASS, avionics system, space shuttle

34 Special system-oriented section: the best of SIGMOD '94: QuickStore: a high performance mapped object store
Seth J. White, David J. DeWitt
October 1995 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 4 Issue 4
Full text available: pdf(2.58 MB)   Additional Information: full citation, abstract, references, citings

QuickStore is a memory-mapped storage system for persistent C++, built on top of the EXODUS Storage Manager. QuickStore provides fast access to in-memory objects by allowing application programs to access objects via normal virtual memory pointers. This article presents the results of a detailed performance study using the OO7 benchmark. The study compares the performance of QuickStore with the latest implementation of the E programming language. The QuickStore and E systems exemplify the two ba ...

Keywords: benchmark, client-server, memory-mapped, object-oriented, performance, pointer swizzling

35 Pilot: an operating system for a personal computer
David D. Redell, Yogen K. Dalal, Thomas R. Horsley, Hugh C. Lauer, William C. Lynch, Paul R. McJones, Hal G. Murray, Stephen C. Purcell
February 1980 **Communications of the ACM**, Volume 23 Issue 2
Full text available: pdf(1.14 MB)   Additional Information: full citation, references, citings

Keywords: file, high-level language, modular programming, network, operating system, personal computer, process, system structure, virtual memory

36 An architecture for voice dialog systems based on prolog-style theorem proving
Ronnie W. Smith, Alan W. Biermann, D. Richard Hipp
September 1995 **Computational Linguistics**, Volume 21 Issue 3
Full text available: pdf(2.76 MB)   Additional Information: full citation, abstract, references, citings
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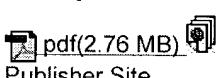
A pragmatic architecture for voice dialog machines aimed at the equipment repair problem has been implemented. This architecture exhibits a number of behaviors required for efficient human-machine dialog. These behaviors include:(1) problem solving to achieve a target goal(2) the ability to carry out subdialogs to achieve appropriate subgoals and to pass control arbitrarily from one subdialog to another(3) the use of a user model to enable useful verbal exchanges and to inhibit unnecessary ones(...

37 Guide for the use of the Ada Ravenscar Profile in high integrity systems
Alan Burns, Brian Dobbing, Tullio Vardanega
June 2004 **ACM SIGAda Ada Letters**, Volume XXIV Issue 2
Full text available: pdf(548.17 KB)   Additional Information: full citation, references

38 Extending Java for high-level Web service construction
Aske Simon Christensen, Anders Møller, Michael I. Schwartzbach
November 2003 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 25 Issue 6
Full text available: pdf(947.02 KB)   Additional Information: full citation, abstract, references, citings, index terms

We incorporate innovations from the <bigwig> project into the Java language to provide high-level features for Web service programming. The resulting language, JWIG, contains an advanced session model and a flexible mechanism for dynamic construction of XML documents, in particular XHTML. To support program development we provide a suite of program analyses that at compile time verify for a given program that no runtime errors can occur while building documents or receiving form input, and ...

Keywords: Interactive Web services, XML, data-flow analysis

39 A relational approach to monitoring complex systems

Richard Snodgrass

May 1988   **ACM Transactions on Computer Systems (TOCS)**, Volume 6 Issue 2

Full text available: pdf(3.42 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Monitoring is an essential part of many program development tools, and plays a central role in debugging, optimization, status reporting, and reconfiguration. Traditional monitoring techniques are inadequate when monitoring complex systems such as multiprocessors or distributed systems. A new approach is described in which a historical database forms the conceptual basis for the information processed by the monitor. This approach permits advances in specifying the low-level data collection, ...

40 Automated hoarding for mobile computers

Geoffrey H. Kuenning, Gerald J. Popek

October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM symposium on Operating systems principles**, Volume 31 Issue 5

Full text available: pdf(2.05 MB)   Additional Information: full citation, references, citings, index terms

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... characters buffered internally due to a **previous** write(), the ... The errno global variable
is **set** to indicate ... between refresh operations of local **data**.) Access to ...
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... handle r1 = threshold / 0 none / -1 to read out: r1 = **previous** value. ... or:- r0 =
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to penetrate ... a shell script that handles sensitive **data, set** and export ...
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The DirectInput Mapper: Programming for Multiple Users and **Devices** ...
... DirectInput **sets** the uAppData member to the application-defined value given in the
previous call to ... Additionally, there are **data** members to hold the ...
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scdisk SCSI **Device** Driver
Previous | Next | Contents ... this operation, the subroutine returns a value of -1 and
sets the errno ... Specification for the format of the request-sense **data** for a ...
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errupdate Command
[**Previous** | Next | Contents ... or updates a template with the Alert field **set** to True ...
Install Action, Failure Cause, **Fail** Action, or Detailed **Data data** id values ...
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Buffer Manager
... out: r1 = **previous** value. ... bit 31 clear) r2 = character not inserted or:- r0 =
Event_InputFull (1) r1 = buffer handle (bit 31 **set**) r2 -> **data** not inserted r3 ...
www.pinknoise.demon.co.uk/Docs/Arc/Misc/BufferMan.html - 14k - Cached - Similar pages

Principles of Operation
... with a SES enclosure, provided the -E **flag** is **set**. ... disk drive to read a block of
data into the ... the drive accordingly, and it does not **attempt** to communicate ...
www.santools.com/smart/unix/ manual/principlesofoperation.htm - 33k - Cached - Similar pages

V4L2 **Data** Services Interface Specification
... Empty packets with id **set** to zero can be ... the possibility of synchronizing video and
VBI **data** by timestamping ... Rationale: a) The **previous** definition was unclear. ...
www.thedirks.org/v4l2/v4l2dsi.htm - 32k - Cached - Similar pages

Unix Manual Page for audio
... **fail** when it **attempts** to **set** the **data** format ... automatically modify these fields while
retrieving the **previous** value ... the O_NDELAY or O_NONBLOCK **flag** was **set** in the ...
www.scit.wlv.ac.uk/cgi-bin/mansec?7i+audio - 37k - Cached - Similar pages

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| data set previous attempt fail flag | Search |

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STIC Search Report

EIC 2100

USPTO

TO: Mohammad Ali
Location: 4Y18
Art Unit : 2177
Monday, August 30, 2004

Case Serial Number: 09/436506

From: Geoffrey St. Leger
Location: EIC 2100
PK2-4B30
Phone: 308-7800

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Ali,

Attached please find the results of your search request for application 09/436506. I searched Dialog's foreign patent files, product announcement files and general files; along with the Internet.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B30/308-7800

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